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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/943,618	08/30/2001	Robert Howard High JR.	RSW920010125US1	9288
7590 11/22/2005 Marcia L. Boubet, Esq. 1455 Riviera Drive Kissimme, FL 34744			EXAMINER SHERKAT, AREZOO	
			ART UNIT 2131	PAPER NUMBER
DATE MAILED: 11/22/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/943,618	<b>Applicant(s)</b> HIGH ET AL.	
	<b>Examiner</b> Arezoo Sherkat	<b>Art Unit</b> 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 12 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 3-12 and 19-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3-12 and 19-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

This office action is responsive to Applicant's amendment received on Sep. 12, 2005. Claims 1-2, and 13-18 are cancelled. Claims 3-12 are amended. Claims 19-26 are added. Claims 3-12 and 19-26 are pending.

***Response to Arguments***

Applicant's arguments with respect to claims 3-12 and 19-26 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 3-12 and 19-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Barkley et al., (U.S. Patent No. 6,202,066 and Barkley hereinafter).

Regarding claims 19, 23, and 25, Barkley discloses a computer-implemented method for enforcing role-permission security administration using security objects stored in a security repository (i.e., associating permissions with roles or groups and moving users in and out of these roles or groups), comprising steps of:

storing, in a security repository (i.e., it is inherent that such association has to be stored in the computer system for later retrieval), a plurality of security objects, wherein each of the security objects corresponds to a single role (i.e., an access control policy which uses roles or groups defines an association between a role or group and the permissions for that role or group)(Col. 6, lines 40-67 and Col. 7, lines 1-20);

specifying, in each of the security objects, all permissions granted to the corresponding role, wherein each of the specified permissions identifies at least one resource and, for each resource at least one action that can be performed on the resource by subjects granted the corresponding role (i.e., this association can be represented as a 3-tuple: [role or group; object; {permitted operations on the object}))(Col. 6, lines 40-67 and Col. 7, lines 1-20);

wherein selected ones of the resources are identified in the specified permissions of more than one of the security objects and wherein the specified permissions for at least one of the security objects identifies a plurality of resources and for each of the plurality of resources, at least one of the actions (i.e., all of the objects assigned to a given OAT may be accessed identically by the members of each of the roles assigned to that OAT. Of course, the same objects may be assigned to more than one OAT; just as the members of a given role may be assigned differing permissions with respect to various groups of files by being assigned membership in differing OATs)(Col. 11, lines 20-67 and Col. 12, lines 1-50); and

using the stored security objects to determine whether run-time requests for performing actions on the resources can be granted (Col. 3, lines 9-24).

Regarding claims 20, 22, 24, and 26, Barkley discloses where the using step further comprises, for each of the run-time requests, the steps of:

determining, for the run-time request, a requester from which the request was received, and a particular action being requested on a particular resource, determining one or more roles granted to the requester (Col. 8, lines 24-44), and until determining that the request can be granted or exhausting the determined roles, iteratively accessing the security object corresponding to each one of the determined roles and if the accessed security object identifies the requested action on the requested resource, then determining that the request can be granted (Col. 11, lines 20-67 and Col. 12, lines 1-50).

Regarding claim 21, Barkley discloses wherein the step of determining one or more roles further comprises, the steps of:

using an identification of the requester as a user identification to consult a mapping that specifies (Col. 1, lines 30-54), for each of the plurality of subjects, one or more roles associated therewith, wherein each of the subjects is specified as at least one of (1) an identification of one or more users (2) an identification of one or more user groups there by determining each role associated with the identification of the requester (Col. 2, lines 47-67 and Col. 3, lines 1-24);

determining one or more user groups of which the requester is a member (Col. 8, lines 24-44), and using each of the determined user groups as a user group

identification to consult the mapping thereby determining each role associated with the determined user groups (Col. 11, lines 20-67 and Col. 12, lines 1-50).

Regarding claims 3-12, Barkley discloses wherein at least one of the resources is any resource that is expressible to the security system and each of the at least one actions identified for the at least one resource are selected from a set of actions that are permitted on that resource (Col. 10, lines 45-67 and Col. 11, lines 1-40).

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arezoo Sherkat whose telephone number is (571) 272-3796. The examiner can normally be reached on 8:00-4:30 Monday-Friday.


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Arezoo Sherkat  
Patent Examiner  
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Nov. 16, 2005



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